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TECH NEWS



VOL. 8

WORCESTER, MASS., APRIL 17, 1917

NO. 26

Batter up ---- Alumni Field

Thursday, 3 p. m. == Boston College. Saturday, 3 p. m. == Northeastern College

Tech Loses to C. A. C.

Game Goes in Last Inning

Tech's baseball season opened last Saturday with the game with Connecticut Aggies at Storrs. The Worcester team showed unusual skill in the field and the fact that the entire squad worked in unison showed that Tech's coach has succeeded in producing a very capable and efficient fighting unit.

Tomblen kept up his reputation of last season, and pitched in excellent form during the first eight innings, and with the co-operation of the squad he was able to hold the opponents to four runs. McCaffery played well at second and brought in two runs, which together with two by Tomblen and one by Carlson, Smith and Haycock, made a total of seven. These were all made before the seventh inning, and at the beginning of the ninth the score was 7 to 4 in Tech's favor, and victory seemed certain.

In the final inning Tomblen was less successful in striking out the opponents and after several hits he was replaced by Luce. The latter was not able to prevent the Aggies from obtaining several other hits, and Captain McCarty made a two-bagger with the bases full, and before the inning was over four runs had been scored, making a total of 8 to 7 in favor of the opponents.

The lineup was as follows:

TECH	ab	r	po	e	Aggies	ab	r	po	e
Carlson 3b	5	1	0	0	Brigham 2b	5	1	4	0
Smith ss	5	1	0	0	Hopwood ss	5	1	1	0
McCaffery 2b	5	2	4	1	Murphy 3b	5	1	1	2
Titecomb lf	5	0	0	0	McCarthy 1b	5	1	13	0
Luce cf p	4	0	2	0	Mahoney c	5	1	5	1
Burleigh cf	1	0	0	0	Alberti lf	4	0	2	1
Horne rf	5	0	0	0	Moore cf	3	1	1	0
Green 1b	4	0	0	0	Vochman rf	4	1	0	0
Haycock c	5	1	12	0	Reeve p	3	1	0	0
Tomblen p	4	2	1	1	Chamberlin p	1	0	0	0
	43	7	25	2		40	8	27	4

MILITARY DRILL STARTS AT TECH

Military drill began with a bang at Tech last Wednesday evening when about one hundred and fifty men put in their appearance at the first call. Lieut. L. W. Russell of Co. C 2d regiment, M. N. G. is acting as drill master for the companies, and it is from the evening classes that he expects to pick his officers for the Freshman and Sophomore companies.

Only those men who have had previous military experience reported for drill on Friday evening, the purpose being to cut down as rapidly as possible the large number of candidates for the officers' (Continued on Page 2, Col. 3)

Sigma XI Elections

The following men have been elected to Sigma Xi:—F. J. Adams, '04 of the faculty; W. B. Burgess, '16, graduate student; A. Bredenburg, Jr., N. L. Towle, W. R. Lyon, R. C. Lawrence, and E. N. Pike of the E. E. Course; C. B. Reed, M. H. Teaze, L. H. Thompson, H. S. Freeman, W. H. Gifford, and W. L. G. Mackenzie of the C. E. Course; J. A. C. Warner, J. E. Padgett, F. P. Swallow, and R. N. S. Merritt of the M. E. Course; A. W. Francis, and F. L. Holbrook of the Chem. course.

SENIORS ACTIVE FOR UNCLE SAM

All the members of the senior class met at the home of President Hollis a week ago last Monday evening to discuss the kind of work into which they will go, to aid Uncle Sam in the war crisis. Nearly half of the class signified their intentions of taking the examination for second lieutenant in United States Army, which is to be given April 23. It is likewise the intention of many of the graduate students of the Institute to take the examination, with the prospect in view of obtaining a commission in the army. All those students who register at the office to take the examination, are to be excused from the Institute work from now until the examination time, and special tutoring in the necessary subjects is to be arranged. Seniors who pass the examination will be given their degree immediately from the Institute.

Seniors who wish to go directly into industrial work at present, such as into the manufacture of munitions, or into the engineering branch of the army, will also probably be assured of receiving their degree. In case a large number of the seniors leave school for the above reasons, graduation exercises may be moved ahead, perhaps a month or even more. The senior class has voted to omit all graduation exercises this year on account of the war, with the exception of the Baccalaureate Sermon and the presentation of diplomas.

President Hollis is strongly urging all the under-graduates to stay with their studies, as that will be the best way in which they can serve their country, for technically trained men will be in great demand for industrial purposes, in the near future.

Men Needed for Track

Track Meets Planned

If W. P. I. is to make a respectable showing in track athletics this spring, it is imperative that more men begin to train for the various track events. There is a greater field of choice in track athletics than in any other form of collegiate sport and it is regrettable that with the slight amount of versatility required for participation in this branch of sport so few men report for practice.

Coach O'Connor is at the field every afternoon from four to five-thirty, and it is to be hoped that he will have a larger squad to work with than he has had so far.

An interclass track meet with all the regular events will be held April 21, next Saturday. This first meet of the season will present an admirable opportunity for a number of new men to win their numerals. The coach will depend on the showing made at this meet to a great extent in picking men for the Springfield trip the following Saturday.

Three other meets are on the boards namely with Springfield Y. M. C. A. college at Springfield April 28, with M. A. C. at Worcester, May 12, and the New England Intercollegiate at Boston, May 19.

Every one with any ability in track events remember that practice is every afternoon and report to Coach O'Connor as soon as possible.

"HOP" PLANS UNDER WAY

On Tuesday, May 1, the Sophomores are to hold their first class dance in the gymnasium. Following the custom of last year, this is to be called the "Sophomore Hop." But this is planned to be the biggest informal dance of the year. An extensive canvass of all the other classes will be made, and results are bound to come from it. Just watch the 1919 bulletin board for posters and don't put off buying your ticket any longer. There is some one in your division or fraternity house who has tickets to sell, and there is enough room in the gym for everyone. The orchestra has not as yet been chosen, but the committee has informed us that it will be the best obtainable, so we may be assured of excellent music. The subscription for the dance and refreshments is one dollar a couple, and within the means of all. Get your ticket and watch the News for further announcements.

Two Games This Week

Boston College and Northeastern

On Patriots' Day, April 19, Tech's baseball squad will meet the Boston College Team on Alumni Field in the first home game of the season. From the excellent showing of the Worcester team in the game with the Aggies last Saturday, it is certain that they will give their opponents no chance for a victory. The baseball diamond has been put into first-class condition, and with the strenuous work out that the squad is receiving under the direction of Coach Brough, a class "A" team will represent Worcester Tech. We have not entirely forgotten the result of the football game at Boston last fall, and Tech's loyal supporters should do their part toward avenging that page of history, by lending their enthusiasm to the team by being present in the cheering section next Thursday.

The second game of the week will also be played on Alumni Field and will take place on Saturday afternoon with Northeastern as our opponents. This promises to be a very fast and interesting game and the possibilities for a victory for Tech are just as promising as those for Thursday's game. A definite lineup has not been picked for the game, but the squad will probably be made up nearly the same as that of the first game last week.

JOINT MEETING OF SOCIETIES

At the joint meeting of the Civil, Mechanical and Electrical societies which is to be held April 27 the speaker will be Prof. D. C. Jackson of the Electrical Engineering Department of the Massachusetts Institute of Technology. The subject of the address will be "Valuation of Properties."

CALENDAR

EVERYDAY—4.00 p. m. Track and Baseball Practice at Alumni Field.

TODAY—5.00 p. m. News Staff Meeting in Room 113, M. E. Building.

THURSDAY—Patriots' Day, a holiday. 3.00 p. m. Baseball game, Tech vs. Boston College at Alumni Field.

FRIDAY—8 p. m. Combined meeting, C. E., M. E. and E. E. societies in E. E. Hall.

SATURDAY—3.30 p. m. Baseball game, Tech vs. Northeastern College, Alumni Field.

TECH NEWS

Published every Tuesday of the School Year by

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Worcester Polytechnic Institute

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THE DAVIS PRESS

APRIL 17, 1917

BOOST TECH

Editorials

Two home games this week—the first with Boston College on Thursday; then with Northeastern on Saturday. Come on men, show the team we are with them.

The advice of the President of the Institute to underclassmen should be read over carefully. We desire at this time to really serve our nation; not to do what is spectacular. President Hollis advises the Juniors and the men of the two lower classes to stay and study their lessons until conditions have changed.

The TECH NEWS has moved to the M. E. Building, Room 201. This office will be open for the use of students and faculty during school hours. Exchanges from other institutions and files of the NEWS will be there for inspection. The exchanges tell what is going on in other institutions along the same lines that Tech organizations are working. These should be of interest to the leaders of the Tech activities.

The Editor-in-Chief will be in the NEWS office on Thursday afternoons from 4.30 to 5.00; the Business Manager on Friday afternoons from 4.30 to 5.00.

The student body is by no means united on many of the issues facing the American people at this time. We of a technical school miss many of the opportunities for a free intelligent discussion of these issues. This results in a lamentable lack of knowledge on the part of many students. The NEWS columns are open to anyone; we should be glad to have our readers present their views on any question through our columns. Communications may be placed in the NEWS Box in Boynton Hall. They should be written on one side of the paper and signed, although the name need not be published.

INTERFRATERNITY BASEBALL

On April 15, representatives of the several fraternities met with Professor Carpenter to arrange for the spring interfraternity baseball series. Professor Carpenter acted as temporary chairman, and the following officers were elected: R. H. Smith, president; H. S. Freeman, secretary; and W. F. Kennedy, treasurer. The rules of the series are as follows:

All fraternity men eligible with the exception of varsity baseball men, and varsity baseball substitutes.

Those eligible as umpires are captains of other teams, any varsity or varsity substitute player, and Professor Carpenter.

Games shall be seven innings, unless shorter at the discretion of the umpire on account of classes, darkness, rain, etc.

Postponed games shall be played within one week of original date.

An executive committee composed of Professor Carpenter, Goodwin, and Freeman was elected. It shall be their duty to draw up the schedule, settle all disputes, and act as arbitrators.

BASEBALL WILL CONTINUE

The athletic department has decided to continue with the regular baseball schedule as originally planned, in spite of the decision of some of the larger colleges to discontinue sports on account of the war conditions. Although the question of giving up all sports in favor of military training was given much consideration, it was thought best to play as many of the games as possible, thereby avoiding a large deficit in the finances of the athletic department, and allowing the student body to derive a benefit from their season athletic tickets. Tech is training men for the engineering profession and engineers will be of very great value to the government in both the industrial and military branches of the war. For this reason it was decided that the students of Worcester Polytechnic Institute need as much physical training as those of the government military college.

The game with Boston College will be played according to schedule and the only game which is uncertain now is that with Norwich. The new uniforms have arrived and Tech's warriors will resemble a full dress parade at the next home game.

PHI GAMMA DELTA

It has seemed wise, in view of the grave situation of the country at the present time, and of the part which every Tech man should take in this crisis, to give up plans which were well under way for the 25th Anniversary Celebration of the founding of the Worcester Chapter of Phi Gamma Delta. The affair was to

have been held at the Bancroft on Saturday, April 21, the Worcester Chapter entertaining a great many prominent members in the Eastern section of the fraternity on that day. At the banquet on Saturday evening, Lieut. Governor Coolidge was to have been the speaker, and a large proportion of the alumni from the local chapter had planned to return or the anniversary.

WIRELESS STATION DISMANTLED

As a result of an order received from Lieutenant Blakeslee, District Communication Superintendent at the Charlestown Navy Yard, the entire transmitting and receiving equipment of Tech's radio station has been put out of commission. This order, which affects every amateur station in the country, specifies that the aerial wires shall be taken down, and that all apparatus shall be disconnected from the ground wire and rendered inoperative. The order was promptly carried out and notice of it forwarded to the Navy Yard.

The active radio relay work which had been planned for this station to carry out will necessarily have to be abandoned, but it will give a good opportunity for perfecting the receiving equipment, which has already been started.

After it has been assured that certain orders have been carried out, there is a possibility that the Tech station will be taken over by the Government for communication purposes, and if such is the case, there will be an excellent opportunity for its development.

MILITARY DRILL STARTS AT TECH

(Continued from Page 1, Col. 1)

positions, because only about fifty will be required. Those upper-classmen not chosen for officerships will probably get the opportunity later for the drill in a new company. At the request of Lieutenant Russell, about one hundred men passed in slips of paper stating just what their previous military training had been.

Quite a large number of the students have had the training either at Plattsburg or on the Naval Cruise. A larger number have had experience at drill in the High Schools from which they come, and still more have had experience in the militia, and in Boy Scout and Boy Brigade movements. A great wave of patriotism is sweeping over the hill, and Tech should stand well with the other colleges in helping Uncle Sam prepare for the War.

Some of the officers will probably have been chosen by the end of this week and then it will be possible for plans to progress much more rapidly.

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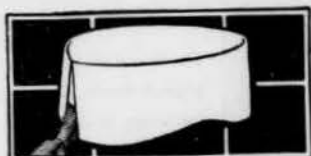
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LECTURE ON SIGNAL CORPS

On Thursday at 4 o'clock in the E. E. Lecture Hall, Captain Russell, a retired army officer, gave a very interesting talk on the formation of a signal corps battalion. Having seen active service in four different wars in connection with this branch of the army, he was able to give a very clear outline of the duties and formation of this organization, which is to be one of the reserve units of the U. S. Army. The duties of this corps, as Captain Russell gave them, would have to do with the so-called "lines of intelligence," which are the methods of communication by wire-telegraph, radio, wig-wagging, and heliograph. This branch of the service necessarily requires men with more than the average education, and will be composed chiefly of college men. Like the other reserve organizations it has an enrollment period of four years, and active service is required only in the event of war except for short terms at various times during the enrollment period.

Throughout his talk Captain Russell made it plain that enlistment in this branch of the service is not in any sense to be thought of as an outing. The discipline is strict, and by enumerating the duties of the day, he showed that it was hard work from five-thirty in the morning to six-thirty in the evening.

The description of the Signal Corps appealed to a large number of those who heard the lecture, and the number of questions asked proved that the interest was very keen.

SCEPTICAL CHYMISTS MEET

The regular bi-weekly meeting of the Sceptical Chymists was well attended in the Boynton Hall lunch room last Monday evening. After the regular business of the society, five papers were read by the members.

Schooner, '19, read the first, on the effect of the European war on America from a metallurgical standpoint. The second paper, by Howard, '18, was on the production of sugar from sugar cane in Hawaii. O. R. Wulf, '19, gave a discussion of the effect of electric discharges on gases and outlined some of the work done in that field. McConville read a paper on gold, platinum, and palladium as found in Southern Nevada. The last paper of the evening was by Guerin, '18, who spoke on the effect of deficiency of oxygen in the atmosphere on small animals and men.

1918 AFTERMATH BOARD

At an election held last Tuesday, the Junior class completed its Aftermath board by the election of four course representatives. The class as a whole selected these men from a list containing two men from each course, who had been chosen by the respective course caucuses. The men selected were: Electrics, Ernest K. Bloss; Mechanics, Russell W. Hirst; Civils, William W. Hall, Jr.; Chemists, Oscar H. Forsdale.

The Junior class has voted to have another picture taken, several features of the one already taken having caused dissatisfaction.

TECH-CLARK CONCERT TONIGHT

This evening the annual Tech-Clark Glee Club concert takes place in Mechanics Hall. At this time, when we are all doing our best to study and be of service to our country, a little relaxation of this sort is just what we need. Both musical clubs are going to give us the best entertainment possible, and the Tech orchestra will play for the dancing which follows the concert. We will have a chance to see how our musical clubs compare with those of our sister school.

An order of twelve dances has been arranged, and the dancing is to last until twelve o'clock. Below is the dance order:

- | | |
|-------------|--------------|
| 1. One Step | 7. Fox Trot |
| 2. Fox Trot | 8. One Step |
| 3. One Step | 9. Fox Trot |
| 4. Waltz | 10. One Step |
| 5. Fox Trot | 11. Fox Trot |
| 6. One Step | 12. Waltz |

GLEE CLUB TO SING

The Spanish War Veterans of Massachusetts will hold their convention this week in Worcester; their annual meeting will be held Wednesday evening in Mechanics Hall and will be followed at noon Thursday by a parade. The parade will terminate at Armory Square where at two o'clock the new Veterans' Memorial Statue will be unveiled. The committee in charge, of which Dr. Hollis is a member, has arranged for a hundred students selected from the Worcester Academy, Clark and Tech glee clubs and under the direction of Dr. Rice, director of music in the Worcester Public Schools, to lead the singing.

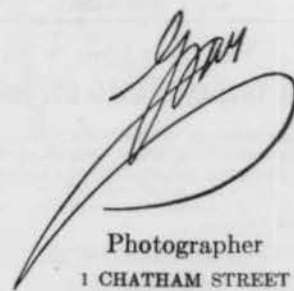
Manager Kennedy has yet to furnish ten more singers to complete Tech's contribution to the chorus and would like to have ten volunteers report to him at once.

DRILL FOR LOWER CLASSMEN

The regular gym classes will be continued for a week or two until the men who are being drilled for the positions of officers can take charge of the classes. These officers have had previous military training and after a few drill classes under the direction of Lieutenant Russell, they will be competent to assist him in drilling the student body. All freshmen and sophomores will be required to take the drill and all upper classmen are invited to use this means of preparing for future military service. There will be two drills each week on Monday and Friday afternoons from four to six, and all men participating will be excused from classes at four o'clock on those afternoons. The only sports which may be substituted for military drill are baseball and track, although track practice will come on the other four afternoons so that any one may participate in both activities.

REVOLVER CLUB

A revolver club is being organized by Professor Carpenter and all men interested are invited to join. A limited supply of revolvers have been loaned to the club and ammunition will be furnished for those guns. Anyone may use other weapons providing they furnish their own ammunition. The range may be used only at definite times in the presence of the range officer. The hours will probably be from five to six on two afternoons a week.



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PRESIDENT HOLLIS ADDRESSES JUNIORS

At the beginning of the Political Science Lecture last Friday, President Hollis briefly addressed the juniors in answer to repeated questions asked him, concerning what the juniors could do for the service of the nation. Dr. Hollis' repeated slogan was, "Stick to your studies," and by so doing he went on to tell how that was the best way in which the students could serve their country. At present Dr. Hollis is waiting for the reply to a letter which was framed by himself, President Lowell of Harvard, and President MacLaurin of the Massachusetts Institute of Technology, and directed to the heads of the war and naval departments, in an effort to obtain accurate information as to what college men can do to serve the United States in the present crisis.

When the desired information can be procured, President Hollis will probably arrange with President Lowell of Harvard, for Tech men to join the Harvard regiments if they so desire, and in that way unify the men of the two colleges for preparatory purposes.

LECTURE BY DR. CALHANE

One of the best lectures held this year at the Institute was given last Wednesday night by Prof. D. F. Calhane of the Chemistry Department. The subject was "Lake Asphalt, and its Relation to Good Roads." The lecture was illustrated by slides and motion pictures, which were available through the courtesy of the Barber Asphalt Co.

These slides showed the processes employed in mining and refining asphalt and the methods of road construction. One reel showed the famous Brounian movement of the colloidal particles in the asphalt. The particles which average .00003.9.3.7 inches in diameter are photographed through the ultramicroscope. Dr. Calhane explained the principles of this peculiar phase admirably.

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RIFLE SCORES

The following are the unofficial scores of the Tech rifle team in the tenth (final) match:

	Standing	Prone	Total
Crane	83	99	182
Bredenberg	84	93	177
Sessions	83	92	175
Janvrin	76	98	174
Holton	82	92	174
Darling	83	88	171
Hollerith	74	97	171
Lewis	75	94	169
Livermore	67	93	160
Smith	72	81	153

Total 882

The official total of the eighth match was 901. In the ninth match the official scores were: Janvrin, 190; Lewis, 190; Bredenberg, 189; Crane, 180; Holton, 176; Total 925.

The local match which was held between four teams has been finished with the following results: Team No. 4 (Lewis Capt.), 2740; Team No. 1 (Livermore, Capt.), 2658; Team No. 3 (Bredenberg, Capt.), 2389; and Team No. 2 (Crane Capt.), 2347. In accordance with the plan the following men of the winning team will receive medals: Lewis, Janvrin Holton, Thayer, and Hubbard.

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